PGDCA_NEW : Post Graduate Diploma(Computer Applications)

PROGRAMME TYPE	PGDIPLOMA
MODE	Open Distance Learning
SCHOOL	School of Computer and Information Sciences
DURATION	1 Year
MEDIUM	ENGLISH
SPECIALIZATION	Computer Applications
DESCRIPTION	The broad objective of the Post Graduate Diploma in Computer Applications (PGDCA_NEW) programme is to prepare graduate students for productive careers in software industry. The programme's thrust is on giving the students a thorough and sound background in theoretical and application- oriented courses relevant to the latest computer software development. The programme emphasizes the application of software technology to solve mathematical, computing, communications/networking and commercial problems. This PG Diploma is a stand-alone programme consists of 12 courses worth 36 credits. It has been designed with a semester approach in mind. The courses are aimed at skill development in computers using various technologies. It prepares the student to aim for a programmer level/web developer in a software company to design and develop small business application software or lab personnel/technician in institutions or a freelancer to develop software projects.
ELIGIBILITY	Any Bachelor's degree of minimum 3 (three) year duration from a recognized University AND Mathematics as one of the subject at 10+2 level or Graduation level. **OR** Any Bachelor's degree of minimum 3 (three) year duration from a recognized University AND **doesn't have** Mathematics as one of the subject at 10+2 level or graduation level. These students are required to successfully complete BCS-012 (Graduate level Mathematics course) as Bridge Course.
FEE STRUCTURE	Rs. 21,600/- for full Programme to be paid semester @Rs.10800/- per semester. Non-Maths students have to pay Rs.1400/- additional in the first semester. Registration fee of Rs.300/- to be paid in 1st semester along with Programme fee for 1st semester.
PROGRAMME COORDINATOR	Prof. P V Suresh, Email: pvsuresh@ignou.ac.in, Phone: 011-29572908

Course Details

The programme has been divided into two semesters per year (January-June and July-December). Consequently, there will be two examinations every year- one in the month of June for the January to June Semester courses and the other is December for the July to December semester courses. The students are at liberty to appear any of the examinations conducted by the University during the year subject to completing the minimum time frame and other formalities prescribed for the programme.

Course Code	Title of the Course	Credits
Semester I		
MCS201	Programming in C and Python	4
MCS202	Computer Organisation	4
MCS203	Operating Systems	4
MCSL204	WINDOWS and LINUX Lab	2
MCSL205	C and Python Lab	2
Semester II		
MCS206	Object Oriented Programming Using Java	4
MCS207	Database Management Systems	4
MCS208	Data Structures and Algorithms	4
MCSL209	Data Structures and Algorithms Lab	2
MCSL210	DBMS and Java Lab	2
Total Credits		**32**

Regional & Study Centre Details

Regional Centre	Study Centre
HYDERABAD	0111: AURORA DEGREE COLLEGE (111)
HYDERABAD	0105: LAL BAHADUR COLLEGE (105)
KARNAL	1005: CHOTU RAM COLLEGE OF EDUCATION (1005)
KARNAL	1075: GURUNANAK KHALSA COLLEGE (1075)
SHIMLA	1105: GOVERNMENT DEGREE COLLEGE (1105)
SHIMLA	1109: GOVERNMENT DEGREE COLLEGE GDC. Una (1109)
SHIMLA	1103: Govt. Degree College, (1103)
SHIMLA	1123P: REGIONAL COMPUTER CENTRE DOEACC (1123P)
JAMMU	1201: UNIVERSITY OF JAMMU (1201)
BANGALORE	1309: AL-AMEEN ARTS SCI. & COM. COLL., BANGALORE (1309)
BANGALORE	1314: BANGALORE INSTT. OF TECHNOLOGY,BANGALORE (1314)
BANGALORE	1311: BAPUJI INSTT. OF ENGG & TECH.,DAVANAGERE (1311)
BANGALORE	1344: CMR INSTT. OF MNGMT.STUDIES, BANGALORE (1344)